Anomaly Detection Report

Model: autoencoder

Source File: synthetic_logs_test_500.csv

Total Anomalies Found: 18

Anomaly #10 (Score/Error: 0.0004)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 204 | Bytes: - | IP: 10.99.27.215

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #46 (Score/Error: 0.0006)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1
Status: 204 | Bytes: - | IP: 10.53.181.120

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #87 (Score/Error: 0.0007)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 413 | IP: 10.107.134.203

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #91 (Score/Error: 0.0004)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 389 | IP: 10.246.226.205

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #111 (Score/Error: 0.0006)

Request: GET /dashboard/stats HTTP/1.1
Status: 200 | Bytes: 239 | IP: 10.219.122.150

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #115 (Score/Error: 0.0006)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 200 | Bytes: 18515 | IP: 10.239.238.228

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #122 (Score/Error: 0.0004)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 200 | Bytes: 15877 | IP: 10.189.68.165

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly Detection Report

Anomaly #142 (Score/Error: 0.0003)

Request: GET /dashboard/stats HTTP/1.1

Status: 200 | Bytes: 6213 | IP: 10.73.244.156

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #179 (Score/Error: 0.0005)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1

Status: 204 | Bytes: - | IP: 10.21.47.70

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #232 (Score/Error: 0.0005)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1

Status: 200 | Bytes: 400 | IP: 10.200.68.154

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #253 (Score/Error: 0.0005)

Request: POST /api/v1/auth/login HTTP/1.1

Status: 200 | Bytes: 11309 | IP: 10.190.97.125

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #258 (Score/Error: 0.0008)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1

Status: 200 | Bytes: 366 | IP: 10.18.103.233

Reason: This request is anomalous because the size of the response is significantly different from the usual pattern of sizes for similar requests.

Anomaly #307 (Score/Error: 0.0005)

Request: POST /api/v1/auth/login HTTP/1.1

Status: 200 | Bytes: 3664 | IP: 10.241.134.133

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #308 (Score/Error: 0.0009)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1

Status: 200 | Bytes: 333 | IP: 10.67.241.67

Reason: This is anomalous because the size anomaly score is relatively high compared to the method anomalies, indicating a potentially unusual size of the requested resource.

Anomaly #338 (Score/Error: 0.0006)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1

Status: 200 | Bytes: 505 | IP: 10.119.211.145

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly Detection Report

Anomaly #390 (Score/Error: 0.0006)

Request: POST /api/v1/auth/login HTTP/1.1

Status: 200 | Bytes: 5022 | IP: 10.143.46.147

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #399 (Score/Error: 0.0005)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1

Status: 200 | Bytes: 7976 | IP: 10.185.54.92

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #451 (Score/Error: 0.0009)

Request: POST /api/v1/auth/login HTTP/1.1

Status: 200 | Bytes: 2072 | IP: 10.3.232.81

Reason: This log entry is anomalous because it shows a positive anomaly in the Size attribute, indicating that the size of the request or response for this login request is significantly larger than usual.